

Title (en)

AUTOMATION DEVICE AND UPDATING METHOD

Title (de)

AUTOMATISIERUNGSGERÄT UND AUFDAT-VERFAHREN

Title (fr)

AUTOMATE PROGRAMMABLE ET PROCEDE D'ACTUALISATION

Publication

**EP 1238318 A1 20020911 (DE)**

Application

**EP 00989773 A 20001114**

Priority

- DE 0004002 W 20001114
- DE 19955073 A 19991115
- DE 19956271 A 19991123

Abstract (en)

[origin: US7168075B1] A device used for control or monitoring of a process is updated without interruption or exceeding upper response time limits for response to a change in the state of the process. If the updating task requires too much run time, the updating task is terminated. As soon as the updating task has been terminated, a configuration is established again with regard to the control or monitoring of the process, so that it is possible to respond again to changes in the state of the process.

IPC 1-7

**G05B 19/414**; G05B 19/042

IPC 8 full level

**G06F 11/20** (2006.01); **G05B 9/03** (2006.01); **G05B 19/042** (2006.01); **G05B 19/408** (2006.01); **G06F 9/46** (2006.01)

CPC (source: EP US)

**G05B 19/0428** (2013.01 - EP US); **G05B 19/408** (2013.01 - EP US); **G06F 11/1658** (2013.01 - EP US); **G05B 2219/24182** (2013.01 - EP US); **G05B 2219/24186** (2013.01 - EP US); **G05B 2219/24187** (2013.01 - EP US); **G06F 11/2038** (2013.01 - EP US)

Cited by

CN100454190C; EP1783571A1; US8224478B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0137058 A1 20010525**; AT E245287 T1 20030815; CN 1193281 C 20050316; CN 1420999 A 20030528; EP 1238318 A1 20020911; EP 1238318 B1 20030716; ES 2203549 T3 20040416; JP 2003529819 A 20031007; JP 3754369 B2 20060308; US 7168075 B1 20070123

DOCDB simple family (application)

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